Announcement of Total Maximum Daily Load (TMDL) studies to restore water quality in the bacteria impaired waters of Sugarland Run, Mine Run, Pimmit Run, Powells Creek, Quantico Creek, South Fork Quantico Creek, Little Creek, Chopawamsic Creek, North Branch Chopawamsic Creek, Aquia Creek, Austin Run, Accokeek Creek, Potomac Creek, Potomac Run, and an Unnamed Tributary to the Potomac River.

PURPOSE OF NOTICE: The Virginia Department of Environmental Quality (DEQ) and the Virginia Department of Conservation and Recreation (DCR) announce the first Technical Advisory Committee (TAC) Meeting to introduce a series of Total Maximum Daily Load (TMDL) studies on several tributaries to the Potomac River.

TECHNICAL ADVISORY COMMITTEE MEETING:

Tuesday, March 1, 2011*

10:00 a.m. – 12:00 noon

Virginia Department of Environmental Quality, Northern Regional Office

Conference Rooms 1 and 2

13901 Crown Court, Woodbridge, VA 22193

**In case of inclement weather, an alternate meeting date has been established for Tuesday, March 8, 2011, same time and location as listed above. If the weather is questionable on March 1st, please contact Jennifer Carlson (see contact information below) to determine whether the meeting will be postponed to the alternate meeting date.*

MEETING DESCRIPTION: This is the first meeting to introduce these TMDL projects to the TAC. The purpose of the TAC will be to provide technical input and insight for the project, and to assist with stakeholder and public participation.

DESCRIPTION OF STUDY: Portions of the following streams have been identified as impaired on the Clean Water Act §303(d) list for not supporting Virginia's water quality recreational use standard due to exceedances of the bacteria criterion:

Waterbody Name	Watershed Location	Segment Size	Cause	Segment Description
Sugarland Run	Fairfax County Loudoun County Town of Herndon	0.95 miles	Escherichia coli	Segment begins at the confluence with Folly Lick Branch, at approximately rivermile 5.75, and continues downstream until the boundary of the PWS designation area, at rivermile 4.82.
Sugarland Run	Fairfax County Loudoun County Town of Herndon	4.77 miles	Escherichia coli	Segment begins at the boundary of the PWS designation area, at rivermile 4.82, and continues downstream until the confluence with the Potomac River.
Mine Run	Fairfax County	0.93 miles	Escherichia coli	Segment begins at the confluence with an unnamed tributary to Mine Run, approximately 0.5 rivermile upstream from River Bend Road, and continues downstream until the confluence with the Potomac River.

Waterbody Name	Watershed Location	Segment Size	Cause	Segment Description
Pimmit Run	Arlington County Fairfax County	1.62 miles	Escherichia coli	Segment begins at the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695, and continues downstream until the confluence with the Potomac River.
Pimmit Run	Arlington County Fairfax County	2.46 miles	Escherichia coli	Segment begins at the Route 309 bridge crossing, at rivermile 4.16, and continues downstream until the confluence with Little Pimmit Run, approximately 0.1 rivermile downstream from Route 695.
Pimmit Run	Arlington County Fairfax County	3.29 miles	Escherichia coli	Segment begins at the headwaters of Pimmit Run, approximately 0.12 rivermile upstream from Route 7, and continues downstream until the Route 309 bridge crossing, at rivermile 4.16.
Powells Creek	Prince William County	4.62 miles	Escherichia coli	Segment begins approximately 0.2 rivermiles below Lake Montclair and continues downstream until the end of the free-flowing waters of Powells Creek.
Quantico Creek	Prince William County Town of Dumfries	1.45 miles	Escherichia coli	Segment begins at the confluence with South Fork Quantico Creek, approximately 0.75 rivermile upstream from I-95, and continues downstream until the start of the tidal waters of Quantico Bay.
South Fork Quantico Creek	Prince William County Town of Dumfries	4.63 miles	Escherichia coli	Segment begins at the headwaters of the South Fork Quantico Creek and continues downstream until the start of the impounded waters, adjacent to what is labeled as Mawavi Camp No 2 on the Joplin quad.
Little Creek	Prince William County	3.78 miles	Escherichia coli	Segment begins at the headwaters of Little Creek and continues downstream until the confluence with the Potomac River.
Chopawamsic Creek	Stafford County Prince William County	0.1143 mi^2	Fecal Coliform	Segment extends from approximately 0.5 rivermile upstream, at the upstream boundary of tidal waters, until 0.5 rivermile downstream of monitoring station 1aCHO003.65. Portion of CBP segment POTOH.
North Branch Chopawamsic Creek	Stafford County Prince William County	6.9 miles	Escherichia coli	Segment begins at the headwaters of North Branch Chopawamsic Creek and continues downstream until the confluence with Middle Branch.
Aquia Creek	Fauquier County Stafford County	6.47 miles	Escherichia coli	Segment begins at the confluence with Cannon Creek, approximately 0.1 rivermile downstream from Route 610, and continues downstream until Smith Lake (Aquia Reservoir).

Waterbody Name	Watershed Location	Segment Size	Cause	Segment Description
Aquia Creek	Fauquier County Stafford County	0.3638 mi^2	Enterococcus	Segment extends from rivermile 4.28 to rivermile 3.28 in Aquia Creek encompassing a 0.5-mile radius around station 1aAUA003.71. Portion of CBP segment POTOH.
Austin Run	Fauquier County Stafford County	0.79 miles	Fecal Coliform	Segment begins at the confluence with an unnamed tributary to Austin Run (streamcode XGQ) and continues downstream until the confluence with Aquia Creek.
Accokeek Creek	Stafford County	4.21 miles	Escherichia coli	Segment begins at the confluence with an unnamed tributary to Accokeek Creek (rivermile 8.62), approximately 0.33 rivermile downstream from Route 1, and continues downstream until the end of the free-flowing waters.
Potomac Creek	Stafford County	2.18 miles	Escherichia coli	Segment begins at the railroad crossing at the west end of swamp, upstream from Route 608, and continues downstream until the east end of swamp.
Potomac Creek	Stafford County	3.66 miles	Escherichia coli	Segment begins at the outlet of Abel Lake and continues downstream until the confluence with an unnamed tributary to Potomac Creek, at rivermile 9.12.
Potomac Run	Stafford County	6.13 miles	Escherichia coli	Segment begins at the headwaters of Potomac Run and continues downstream until the confluence with Long Branch.
Unnamed Tributary to the Potomac River	Stafford County	2.9 miles	Escherichia coli	Segment begins at the headwaters of the unnamed tributary and continues downstream until its confluence with the Potomac River.

Virginia agencies are working to identify sources of bacteria contamination in these stream segments. During this study, DEQ will develop a total maximum daily load, or a TMDL, for each of the impaired stream segments. A TMDL is the total amount of a pollutant a water body can receive and still meet water quality standards. To restore water quality, pollutant levels have to be reduced to the TMDL allocated amount.

HOW TO COMMENT: The public comment period on the materials presented at the TAC Meeting will extend from March 1, 2011 to March 31, 2011. DEQ accepts written comments by e-mail, fax, or postal mail. Written comments should include the name, address, and telephone number of the person commenting, and be received by DEQ during the comment period. Please send all comments to the contact listed below.

CONTACT FOR ADDITIONAL INFORMATION:

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